

## ABSTRACT OF THE DISCLOSURE

A control device for a throttle valve is provided, which, by dispensing a position sensor for the throttle valve, can reduce a cost of the sensor and which is excellent in durability and reliability and is reduced in its control delay. The control device includes an air flow sensor 1 for detecting an air flow rate flowing through an intake pipe of an internal combustion engine, a motor 33 for driving the throttle valve 2 disposed in the intake pipe and an ECU 15 for controlling the driving operation of the motor. The ECU 100 feedback-controls the output of the air flow sensor so that a difference between the output of the air flow sensor 1 and an air flow rate required for the engine reduces.